

p# 1642

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/277,064

DATE: 11/22/2000 TIME: 11:36:26 ENTERED

Input Set : A:\Scr21521.app

Output Set: N:\CRF3\11222000\I277064.raw

RECEIVED

DEC 0,5 2000

TECH-CENTER YOUR ENDER

```
3 <110> APPLICANT: Sherman, Linda A.
 5 <120> TITLE OF INVENTION: IN VIVO ACTIVATION OF TUMOR-SPECIFIC CYTOTOXIC T CELLS
 7 <130> FILE REFERENCE: SCR2152S
 9 <140> CURRENT APPLICATION NUMBER: 09/277,064
10 <141> CURRENT FILING DATE: 1999-03-26
12 <150> PRIOR APPLICATION NUMBER: 08/355,558
13 <151> PRIOR FILING DATE: 1994-12-14
15 <150> PRIOR APPLICATION NUMBER: PCT/US95/16415
16 <151> PRIOR FILING DATE: 1995-12-14
18 <160> NUMBER OF SEQ ID NOS: 39
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 11
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu
29 1
                    5
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 9
34 <212> TYPE: PRT
35 <213> ORGANISM: Homo sapiens
37 <400> SEQUENCE: 2
38 Arg Met Pro Glu Ala Ala Pro Pro Val
39 1.
                    5
42 <210> SEQ ID NO: 3
43 <211> LENGTH: 9
44 <212> TYPE: PRT
45 <213> ORGANISM: Homo sapiens
47 <400> SEQUENCE: 3
48 Ser Thr Pro Pro Pro Gly Thr Arg Val
49 1
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 9
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapiens
57 <400> SEQUENCE: 4
58 Leu Leu Gly Arg Asn Ser Phe Glu Val
59 1
                     5
62 <210> SEQ ID NO: 5
63 <211> LENGTH: 9
64 <212> TYPE: PRT
65 <213> ORGANISM: Human immunodeficiency virus
67 <400> SEQUENCE: 5
68 Ile Leu Lys Glu Pro Val His Gly Val
69 1.
```

72 <210> SEQ T.D NO: 6

RAW SEQUENCE LISTING DATE: 11/22/2000
PATENT APPLICATION: US/09/277,064 TIME: 11:36:26

Input Set : A:\Scr21521.app

```
73 <211> LENGTH: 9
74 <212> TYPE: PRT
75 <213> ORGANISM: Influenza A virus
77 <400> SEQUENCE: 6
78 Ala Ser Asn Glu Asn Met Glu Thr Met
79 1.
82 <210> SEQ 1D NO: 7
83 <211> LENGTH: 8
84 <212> TYPE: PRT
85 <213> ORGANISM: Vesicular stomatitis virus
87 <400> SEQUENCE: 7
88 Arg Gly Tyr Val Tyr Gln Gly Leu
89 1 5
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 9
94 <212> TYPE: PRT
95 <213> ORGANISM: Influenza A virus
97 <400> SEQUENCE: 8
98 Gly Ile Leu Gly Phe Val. Phe Thr Leu
99 1
102 <210> SEQ ID NO: 9
103 <211> LENGTH: 13
104 <212> TYPE: PRT
105 <213> ORGANISM: Hepatitis B virus
107 <400> SEQUENCE: 9
108 Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu
109 1.
            5
112 <210> SEQ ID NO: 10
113 <211> LENGTH: 9
114 <212> TYPE: PRT
115 <213> ORGANISM: Homo sapiens
117 <400> SEQUENCE: 10
118 Lys Ile Phe Gly Ser Leu Ala Phe Leu
119 1
122 <210> SEQ ID NO: 11
123 <21.1> LENGTH: 10
124 <21.2> TYPE: PRT
125 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 11
128 Thr Leu Gin Gly Leu Gly Ile Ser Trp Leu
129 1
                      5
132 <210> SEQ ID NO: 12
133 <211> LENGTH: 10
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 12
138 Val Met Ala Gly Val Gly Ser Pro Tyr Val
1.39 1
142 <210> SEQ ID NO: 13
```

RAW SEQUENCE LISTING DATE: 11/22/2000 PATENT APPLICATION: US/09/277,064 TIME: 11:36:26

Input Set : A:\Scr21521.app

```
143 <211> LENGTH: 10
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 13
148 Val Leu Gln Gly Leu Pro Arg Glu Tyr Val 149 \phantom{-}1\phantom{+}5\phantom{+}5
149 1
152 <210> SEQ 1D NO: 14
153 <211> LENGTH: 9
154 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 14
158 The Leu Leu Val. Val. Leu Gly Val.
159 1
162 <210> SEQ ID NO: 15
163 <211> LENGTH: 10
164 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 15
168 Val Leu Ser Pro Leu Pro Ser Gln Ala Met
169 1
             - 5
172 <210> SEQ ID NO: 16
173 <211> LENGTH: 9
174 <212> TYPE: PRT
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 16
178 Asp Leu Met Leu Ser Pro Asp Asp Ile
179 1
182 <210> SEQ TD NO: 17
183 <211> LENGTH: 10
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 17
188 Leu Met Ceu Ser Pro Asp Asp Ile Glu Gln
189 1
192 <210> SEQ ID NO: 18
193 <211> LENGTH: 11
194 <212> TYPE: PRT
195 <213> ORGANISM: Homo sapiens
197 <400> SEQUENCE: 18
198 Ala Ala Pro Pro Val Ala Pro Ala Pro Ala Ala
199 1
                      5
202 <210> SEQ ID NO: 19
203 <211> LENGTH: 9
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapiens
207 <400> SEQUENCE: 19
208 Val Ala Pro Ala Pro Ala Ala Pro Thr
212 <210> SEQ ID NO: 20
```

RAW SEQUENCE LISTING DATE: 11/22/2000 PATENT APPLICATION: US/09/277,064 TIME: 11:36:27

Input Set : A:\Scr21521.app

```
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
217 <400> SEQUENCE: 20
218 Ala Ala Pro Thr Pro Ala Ala Pro Ala
219 1
222 <210> SEQ 1D NO: 21
223 <211> LENGTH: 10
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 21
228 Arg Leu Gly Ile Leu His Ser Gly Thr Ala
229 1
                      5
232 <210> SEQ TD NO: 22
233 <211> LENGTH: 9
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 22
238 Gly Thr Ala Lys Ser Val Thr Cys Thr
242 <210> SEQ ID NO: 23
243 <211> LENGTH: 9
244 <212> TYPE: PRT
245 <213> ORGANISM: Homo sapiens
247 <400> SEQUENCE: 23
248 Ser Val Thr Cys Thr Tyr Ser Pro Ala
249 1.
252 <210> SEQ ID NO: 24
253 <211> LENGTH: 9
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
257 <400> SEQUENCE: 24
258 Val Thr Cys Thr Tyr Ser Pro Ala Leu
259 1
262 <210> SEQ ID NO: 25
263 <21.1> LENGTH: 9
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 25
268 Ala Leu Asn Lys Met Phe Cys Gln Leu
272 <210> SEQ ID NO: 26
273 <211> LENGTH: 9
274 <212> TYPE: PRT
275 <213> ORGANISM: Homo sapiens
277 <400> SEQUENCE: 26
278 Gln Leu Ala Lys Thr Cys Pro Val Gln
279 1
282 <210> SEQ ID NO: 27
```

RAW SEQUENCE LISTINGPATERT APPLICATION: **US/09/277,064**DATE: 11/22/2000

TIME: 11:36:27

Input Set : A:\Scr21521.app

```
283 <211> LENGTH: 10
284 <212> TYPE: PRT
285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 27
288 Trp Val Asp Ser Thr Pro Pro Pro Gly Thr
289 1
292 <210> SEQ 1D NO: 28
293 <211> LENGTH: 9
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 28
298~\mathrm{Ala} lle Tyr Lys Gln Ser Gln His Met
299 1
302 <210> SEQ TD NO: 29
303 <211> LENGTH: 11
304 <212> TYPE: PRT
305 <213> ORGANISM: Homo sapiens
307 <400> SEQUENCE: 29
308 Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val
309 1
                     5
312 <210> SEQ ID NO: 30
313 <211> LENGTH: 9
314 <212> TYPE: PRT
315 <213> ORGANISM: Homo sapiens
317 <400> SEQUENCE: 30
318 Asn Thr Phe Arg His Ser Val Val Val
31.9 1.
322 <210> SEQ TD NO: 31
323 <211> LENGTH: 9
324 <212> TYPE: PRT
325 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 31
328 Cys Thr Thr Ile His Tyr Asn Tyr Met
329 1
332 <210> SEQ ID NO: 32
333 <211> LENGTH: 11
334 <212> TYPE: PRT
335 <213> ORGANISM: Homo sapiens
337 <400> SEQUENCE: 32
338 Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu
339 1
                     5
342 <210> SEQ ID NO: 33
343 <211> LENGTH: 10
344 <212> TYPE: PRT
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 33
348 Asn Leu Leu Gly Arg Asn Ser Phe Glu Val
349 1.
352 <210> SEQ 1D NO: 34
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/277,064

DATE: 11/22/2000 TIME: 11:36:28

Input Set : A:\Scr21521.app
Output Set: N:\CRF3\11222000\1277064.raw